



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Christa M. Caliva

Applicant : Arianto Darmawan
Application No. : 09/582,175
Filed : June 21, 2000
Title : ION EXCHANGE SYSTEM USING
U-TUBE PRINCIPLE
Grp./Div. : 1724
Examiner : Ivars C. Cintins
Docket No. : 39629/CM/P130

**RESPONSE TO RESTRICTION REQUIREMENT AND
NOTICE OF NON-COMPLIANT AMENDMENT**

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
January 18, 2002

Commissioner:

In response to the Office Action (Restriction Requirement) of June 5, 2001, and in response to the Communication mailed on December 21, 2001, please amend the above-identified application as follows:

In the Specification:

On page 3, delete the paragraph beginning on line 15 through line 22, and replace it with the following:

The disadvantage of this system is that during the regeneration process, where the regenerant flow is from bottom to top, the resin will not be fully compacted due to the tendency of fluidization which causes the regeneration process to be less effective. Because of the low upflow speed of the limited quantity of regenerant as well as the